Page 1 August-23-12 11:45:26 AM Item ID: D412-698-011 Accept \*N900040100\* Setup Start **Revision ID:** Cabin Door Roller, LH **Item Name: Start Date:** 23/08/2012 Start Qty: 2.00 **Cust Item ID: Required Date:** 10/09/2012 **Req'd Qty: 2.00 Customer:** Reference: Run Date: 12/08/23 Tooling: Process Plan: \_ MC \_\_ Approvals: Date: QC: SPC (Y/N): Date: Date: Sequence ID/ Reject Operation Set Up/ Tool ID Tool # Plan Accept Reject Insp. Description Work Center ID Code Qty Qty Number Stamp **Run Hours** Draw Nbr **Revision Nbr** IIN D412-698 Rev E 100 DOCUMENT CONTROL MUJ (2-10-18 \*100\* Memo Photocopy bluefile and create labels per PPP D412-698-011 CHG003 \$\int\{\beta\}\$ Document Control 110 Pick Kit 0.00 \*110\* 0.00 Packaging Memo Packaging 120

QC4-100% Inspect kits for completeness

\*120\*

Memo

Quality Control

											DQA:	Date:	•\
NCR:	/es	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UPDATE		·		<b>6</b>
									· · · · · · · · · · · · · · · · · · ·		QA Closed:	Date:	*
Work Orde	or.					DISPOSITION			AGA	AINST DE	PARTMENT/	PROCESS	
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NCR N	۱o.					Work Order Update	]		Large Fab Comp	osite		Supplier	
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Root		D-4-	C4	04.	l	ption of work order update	1	nitial	Action		Sign &	V - vifi + i	001
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		Bending			<u> </u>	Bend	<u></u>	Grain			Ovalized		Pressure/Forced
		Centre No	t Concer	ntric to	o/s	BOM/Route	<u></u>	Hardwa		<u> </u>	Over/Under	<del>  -</del>	Temperature/Cure
		Cracks			<u> </u>	Broken/Damaged	$\vdash$	1	on Incomplete	_	Part Incorred	<del></del>	Weld
		Crushed/Crimped. Burrs					<u></u>	1	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs Contamination				_	Mainte		<u> </u>	Part Moved				
	Heat Treat Countersink				Mislabe	led		Positioned V		_			
	Inspection Strip in Tube Cut Too Short				Misread	I		Power Loss/	Surge	Other			
	Ripples in Bend Drill Holes				Offset					<u></u>			
į		Torque W	aves in E	extrusio	n [	Drawing	L	Out of 0	Calibration				
		Turning Se	equence			Finish		Out of S	Sequence				
		Wave/Twi	ist in Tub	ре		Folio		Outside	Dimensions				

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID 89472 \*\* August-23-12 11:45:26 AM Item ID: D412-698-011 Revision ID: Item Name: Cabin Door Roller, LH **Start Date:** 23/08/2012 **Required Date:** 10/09/2012 Req'd Qty: 2.00 Reference:

Accept

\*N900040100\*

Setup Start

Start Qty: 2.00

**Cust Item ID:** 

**Customer:** 

Approvals:

**Process Plan:** 

Date: \_\_\_\_\_

Tooling:

Date:

Run

Date: \_\_\_\_\_

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID Operation Description

Packaging

Set Up/ **Run Hours**  Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

130

\*130\*

Packaging

Memo

Memo

0.00

0.00

Packaging

Identify and pack for shipping as per PPP D412-698-011

Location:

140

\*140\*

QC Quality Control QC21- Final Inspection - Work Order Release

0.00

0.00

12/10/23 gy MF (210-22

NICD.	M	,	NI.
NCR:	Yes	/	No

DQA: \_\_\_\_\_Date: \_\_\_\_\_\_

NCR:	/es	/ No				WORK ORDER IN	OIV-CO	NFOKI	VIANCE / UPI	DATE	QA Closed:	Date:	3			
						DISPOSITION				AGAINST DE	ST DEPARTMENT/PROCESS					
Nork Ord	er:					DISPOSITION				AGAINST DE	PARTIVILITY -					
Part N	io					Rewo Scr	ар	ľ	Skid-tube Crosstube  Machining Small Fab  Thermoforming Finishing			Water Jet d. Eng. Coor.	Engineering Quality			
NCR I	No.		· · ·		····	Use-as Work Order Upda			Large Fab	Finishing Composite	Rec/Stor	e/Packaging Supplier	Other			
Root					Descr	ription of work order upd	late	Initial	Act	tion	Sign &					
Cause		Date	Step	Qty		or Non-conformance	CI	nief Eng Description			Date	Verification	QC Inspector			
oc/Data																
quip/Tooling							•									
perator		•										: *				
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napproved																
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Landi	حت				_	General		٦.		r	٦	_	<b>-</b>			
	-	Bending			<u> </u>	Bend		Grain		<u> </u>	Ovalized	_	Pressure/Forced			
	$\vdash$	Centre No	t Concei	ntric to	o/s	BOM/Route		Hardwa		<b>}_</b>	Over/Under	. —	Temperature/Cure			
	Н	Cracks			<u> </u>	Broken/Damaged		- i	ion Incomplete	_	Part Incorre		Weld			
	Н	Crushed/0	Crimped.		<u> </u>	Burrs		-1	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	├	Cuffs			<u> </u>	Contamination	<u> </u>	Mainte		<u> </u>	Part Moved					
	$\vdash$	Heat Trea			<u> </u>	Countersink	L	Mislabe			Positioned V	_	ا			
	Inspection Strip in Tube Cut Too Short		<u> </u>	Misread	i .	L.	Power Loss/	Surge	Other							
	Н	Ripples in			 	Drill Holes	<b> </b>	Offset								
		Torque W			n  -	Drawing	-	┥	Calibration							
	Н	Turning So			-	Finish	 	1	Sequence							
	: !	Wave/Tw	ist in fuit	16	1	lFolio		TO Intende	Dimensions							

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### Picklist Print

August-23-12 11:45:30 AM

Werk Order ID: 89472

\*89472\*

Parent Item:

D412-698-011

\*D412-698-011\*

Parent Item Name: Cabin Door Roller, LH

**Start Date:** 23/08/2012

**Required Date:** 10/09/2012

Start Qty: 2.00

Required Qty: 2.00

**Comments:** 

IPP Rev:C04.02.26Change Qty of D3121-141 & remove D3121-145 from

Step 1,3KJ/DS

IPP Rev:D 08-01-28 change to rev D ECN 1104 DD

	Component Item ID/ Item Name	Replacement Item 1D	Mfg/ Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure		Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
SA	D3121-141  *D3121-141  Paracket Assembly	ļ:1 *	Manufactured	No			100	Each	16.0000	**		° 8\$ 36°		5
	·				Location ST235	<u>1</u> 85488	Loc	<b>Qty</b> 16 16	Loc Code	/ <del>*****</del>	9548	8	`	3
5	D3121-143  g* D3 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	l3*	Manufactured	No			110	Each	2.0000	**	2 V 75491	JB		
					Location ST235A	80098 84413	<u>Loc</u>	Oty 2 1 1	Loc Code	_				
S	D3183-043 TD3183=02 Bracket Assembly	13*	Manufactured	No	•		110	Each	6.0000	**	2	2B		
	D3137-043		Manufactured	No	Location ST235B	<b>!</b> 85995	<u>Loc :</u> 110	<u>Qty</u> 6 6 Each	2.0000		\$599	5		
و کی	<b>~ ~</b> 1	13*	wanutactureu	110	Logosias		Loc		Loc Code	**	85 86	7 J.E	3 /	2//0//7
					<u>Location</u> ST235B	79734	<u>1.00</u>	2 2 2	Loc Code	_				

NCR:	Yes	1	No

DQA: Date:

NCR: Y	'es	/ No				WORK ORDER NON-	COP	NFORIN	MANCE / UP	DATE	QA Closed:	Date:	,	
						DISPOSITION				AGAINST DE	PARTMENT/			
Nork Orde	er:					DISPOSITION	_			AGAINST DE	.FARIIVIEIVI/		, <u> </u>	
Part N	lo.					Rework Scrap		r	Skid-tube // Machining	Crosstube Small Fab		Water Jet d. Eng. Coor.	Engineering Quality	
NCR N	lo.					Use-as-is Work Order Update			oforming Large Fab	Finishing Composite				
Root					Descri	iption of work order update	l	nitial	Ac	tion	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector	
oc/Data												· · · · · · · · · · · · · · · · · · ·		
quip/Tooling														
perator														
1aterial														
etup														
ther					-						]			
rocess														
upplier	,						İ							
raining														
Inapproved							<u> </u>							
						<u> </u>	AUL	T CATE	GORY					
Landi	ng (	Gear				General		,		_	7	<b></b>	<b>-</b>	
		Bending			_	Bend		Grain			Ovalized		Pressure/Forced	
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure	
		Cracks			L	Broken/Damaged	L	Inspecti	on Incomplete		Part Incorre	ct	Weld	
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
		Cuffs				Contamination		Mainte	nance		Part Moved			
-		Heat Trea	it			Countersink		Mislabe	led		Positioned V	Vrong	_	
		Inspection	n Strip in	Tube		Cut Too Short		Misread	l		Power Loss/	Surge	Other	
		Ripples in	Bend			Drill Holes		Offset						
		Torque W	aves in E	xtrusio	n [	Drawing		Out of 0	Calibration					
		Turning S	equence			Finish		Out of S	equence					
Wave/Twist in Tube				Outside	Dimensions									

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Augûst-23-12 11:45:30 AM

Work Order ID: 89472

Parent Item:

D412-698-011

Parent Item Name: Cabin Door Roller, LH

\*89472\*

\*D412-698-011\*

**Start Date: 23/08/2012** 

**Required Date:** 10/09/2012

Required Qty: 2.00

Start Qty: 2.00

D3199-1

Manufactured

Manufactured

No

No

110

Each 98.0000

Location Loc Qty Loc Code ST 85467 ST236 2 78618 86682 30 88227 60

ST236A

-5

110 Each 11.0000

Location Loc Qty Loc Code ST241A 11 70294 2 83506 9

<b>-</b> -			
$NCR \cdot$	Yes	/	Nο

DQA: Date:

NCR:	/es	/ No				WORK ORDER NON-O	100	NFORM	MANCE / UPDATE					
		•							•		QA Closed:	Date	:	
Work Ord	or.					DISPOSITION			AGA	INST DE	PARTMENT/	PROCESS		
TOTAL OT G	٠,٠,٠					Rework	1		Skid-tube Cross	tube	I	Water Jet	Engineering	
Part f	lo.					Scrap	Machining Small Fab				Proc	d. Eng. Coor.	Quality	
*	•					Use-as-is	1	Therm	Thermoforming Finishing		Rec/Stor	e/Packaging	Other	
NCR I	۱o.					Work Order Update	]	Large Fab Composite			Supplier			
Root					Descri	ption of work order update		nitial	Action		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector	
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upplier									<del>:</del>					
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napproved				<u> </u>							l			
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Landi	_	1				General		1	· ·	_	1	_	¬_ ,_ ,	
		Bending			<u> </u>	Bend	<u> </u>	Grain		_	Ovalized	-	Pressure/Forced	
		Centre No	ot Concer	ntric to	o/s  _	BOM/Route	<u> </u>	Hardwa		<u> </u>	Over/Under	<b> </b>	Temperature/Cure	
		Cracks				Broken/Damaged	_	4	ion Incomplete	<u> </u>	Part Incorred	<b>⊢</b>	Weld	
	Ш	Crushed/	Crimped.		ļ	Burrs	$\vdash$	-	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled	
	Щ	Cuffs			<u> </u>	Contamination	<u></u>	Mainte		7 F.	Part Moved			
	Heat Treat Countersink			<u></u>	Mislabe			Positioned V		$\neg$				
		Inspection	•	Tube		Cut Too Short	$\vdash$	Misread	<b>d</b>		Power Loss/	Surge	Other	
	Ш	Ripples in			<u> </u>	Drill Holes	<u>_</u>	Offset						
		Torque W			n	Drawing	<b></b>	-	Calibration					
	Щ	Turning S	equence		<u> </u>	Finish	L	Out of S	Sequence					
		Mayo/Tw	ict in Tub	20	1	Folio	1	Outside	Dimensions					



### 6.0 PARTS LIST - CABIN DOOR MODIFICATION KITS

(FOR AIRCRAFT EQUIPPED WITH P/N 205-032-669-XXX ALUMINUM DOORS)

Qty	Qty	Qty	Qty	Qty	Qty		Barrietta
ر 0112م	-012	-013	-017	-019	-021	Part Number	Description
X						D412-698-011	CABIN DOOR ROLLER KIT, LH
	X					D412-698-012	CABIN DOOR ROLLER KIT, RH
		Х				D412-698-013	DOOR HANDLE KIT
			Χ			D412-698-017	REPLACEMENT DOOR TRACK KIT
				Х		D412-698-019	BEARING OVERHAUL KIT
					Х	D412-698-021	REPLACEMENT SHIM KIT
<b>1</b> 3	3					D3121-141	BRACKET ASSEMBLY
71 -						-D3121-143	BRACKET ASSEMBLY
A 22	1		<u> </u>			-D3121-144	-BRACKET ASSEMBLY
71	_1					D3137-043	BRÁCKET ASSEMBLY
21						D3183-043	BRACKET ASSEMBLY
	1					D3183-044	BRACKET ASSEMBLY
7 9	9		<del></del> 9			-D3199-1	-BRACKET
71	1		_1_			-D3202-1	COVER
*						D0000 4	LIANDLE
L		4				D3203-1	HANDLE
		1				D3220-041	DOUBLER
		1				D3220-042	DOUBLER
		2				D3220-3	DOUBLER
				7		D3121-21	BOLT
				5		D3121-241	BEARING ASSEMBLY
				1		D3137-3	GUIDE
				1	( <del></del>	D3137-5	WASHER
				2		D3183-045	BEARING ASSEMBLY
					3	D3238-1	SHIM
				<b>-</b>	1	D3238-3	SHIM
				<del></del>	2	D3238-5	SHIM
			-		6	D3238-11	SHIM
<del></del>			<del> </del>		2	D3238-13	SHIM
					4	D3238-15	SHIM
					<u> </u>		
		88				AN960JD416L	WASHER
		8		L		MS21042L4	NUT (OR MS21042-4)
		16		<u></u>		MS24694-S98	SCREW
				1		MS24694-S101	SCREW

	ork Order ID 89793  mday, October 15, 2012 3:09:07 PM			*897				Pag	e 1				
Item ID: Revision ID: Item Name:	D412-664-203 Crosstube Aft			Accept	*N900	<b>040</b>	100	)*	Setup	Start Stop		S1* S2*	
Start Date: Required Date: Reference:		rt Qty: 1.00 q'd Qty: 1.00 - ReTU	*1* *1*		Cust Item I Customer:		OAR001				10	.7/	
Approvals:	Process Plan:	MF	Date:\2-10-	15 Tooling:	Da	ite:			Run	Start	*N	R1*	•
	QC:		Date:	SPC (Y/N):	Da	te:				Stop	*N	R2*	<b>;</b>
Sequence ID/ Work Center II	_	ration cription		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Rejec		Reject Tumber	Insp. Stamp	
Draw Nbr	Revision	Nbr											
D412-664-243	E/DEO												
100				0.00									
*100* QC		Memo		0.00				<i>B</i>		<u></u>	-10.0	<i>5</i>	_
Quality Control		INSPECT R	A 111405 D412-664-	203 X 1 B67438									
		CROSSTU	BE IS TO BE USED F	OR ENGINEERING PURPOS	SES ONLY								

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

110

\*110\*

Quality Control

MM 10, 124.

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									DQA:	Date:		
NCR: Y	es / No			•	WORK ORDER NON-	CONFOR	MANCE / UP	DATE	•			_
		,							QA Closed:	Date:		_
Work Orde	r·				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS		
WORK OTHE			-		Rework	7 <b> </b>	Skid-tube	Crosstube	]	Water Jet	Engineering	İ
Part N	0.				Scrap	<b>†  </b>	Machining	Small Fab	Pro	d. Eng. Coor.	Quality	ı
		•.			Use-as-is	The	moforming	Finishing	Rec/Stor	re/Packaging	Other	1
NCR N	lo		<del></del>	··-	Work Order Update	]	Large Fab	Composite	]	Supplier		
Root				Descri	ption of work order update	Initial	Ac	ction	Sign &			1
Cause	Date	Step	Qty	. (	or Non-conformance	Chief En	g Desc	cription	Date	Verification	QC Inspector	
Doc/Data												
quip/Tooling		Ì										,
Operator	_											
Material				4		r		•				
Setup	_										,	
Other	_											
Process	_											
Supplier	_							L				
Training												
Jnapproved	i	l				AULT CAT	FEORY		<u> </u>	<u> </u>	<u> </u>	_
Landir	ng Gear				General	AOEI CAI	200.11		<del></del>			
	Bending				Bend	Grain	l		Ovalized		Pressure/Forced	
	Centre No	ot Concer	ntric to	o/s	BOM/Route	Hardy			Over/Under	tolerance	Temperature/Cure	
	Cracks				Broken/Damaged	Inspe	ction Incomplete	-	Part Incorre	<del> </del>	Weld	
	Crushed/	Crimped.			Burrs	<b></b>	ctions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled	
	Crushed/Crimped. Cuffs				Contamination	<del></del>	tenance		Part Moved		<b>-</b>	
Ī	Heat Treat				Countersink	Misla	beled		Positioned V	Vrong		
	Inspection	n Strip in	Tube		Cut Too Short	Misre	ad		Power Loss/	'Surge	Other	
Ī	Ripples in	Bend			Drill Holes	Offse	t					
Ī	Torque W	aves in E	extrusio	n [	Drawing	Out o	f Calibration					
	Turning S	equence			Finish	Out o	f Sequence					
	Wave/Tw	ist in Tub	oe .		Folio	Outsi	de Dimensions					

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID:

89793

Monday, October 15, 2012 3:09:07 PM

Parent Item:

D412-664-203

Parent Item Name:

Crosstube Aft

Start Date: 9/6/2012

Required Date: 9/7/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:E04.02.16Reformat; Added D3189-1K/DS

IPP Rev:F 06-03-29

Remove Coments on Pick List JLM

IPP Rev:G 06.12.08

per ECN 886

EC

IPP Rev:H 07-04-30 As per Rev D

D JLM

IPP Rev:I 08-06-12 add comment in seq. 21 DD verified by:EC IPP rev J 11.04.21 DEO D412-

664-243-E-1 EC verified DD

IPP REV:K 11.10.03 DEO D412-664-243-E-2 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-664-203		Manufactured	No			· · · · · · · · · · · · · · · · · · ·	Each	8.0000		1			
Crosstube Aft						- 1 - 1							
				Location		Loc Qty	<u>Lo</u>	c Code					
				FG		3							
				8729	6	1							
				8729	7	1							
				8941	7	1							
				FG103		3							
				8698	5	1							
				8828	5	1							
				8941	6	1							
				Return2012		2							
				6705	8	1							
				6743	4	I				··			

1 x 6 7438 12 10-15

NCR:	⁄es	/ No				WORK ORDER NON-	-COI	NFORM	AANCE / UPI	DATE					
	,				····						QA Closed:	Date	•		
Work Order:						DISPOSITION	AGAINST DEPARTMENT/PROCESS								
Part No.						Rework Scrap Use-as-is	Skid-tube Crosstube  Machining Small Fab  Thermoforming Finishing			-	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other			
NCR I	NCR No.				Work Order Update		Large Fab	Composite	<u>.</u>	Supplier					
Root		Data	Chara	04		ption of work order update	- 1	Initial		ion	Sign & Date	Verification	QC Inspector		
Cause	-	Date	Step	Qty		or Non-conformance	Cr	hief Eng Description			Date	Verification	QC IIISPECTOI		
Doc/Data	Н		l				ļ								
Equip/Tooling	Н														
Operator	Н								,						
Material	Н						ĺ					1			
Setup	Н														
Other	Н								:						
Process	Н												ļ		
Supplier	Н						İ								
Training Unapproved	Н												·		
			<u></u>				FAU	LT CATE	GORY						
Landi	ng G	ear				General									
	П	Bending				Bend		Grain			Ovalized		Pressure/Forced		
	П	Centre Not Concentric to O/S				BOM/Route		Hardware			Over/Under	tolerance	Temperature/Cure		
	П	Cracks				Broken/Damaged		Inspection Incomplete			Part Incorre	ect	Weld		
		Crushed/Crimped				Burrs		Instructions Incomplete/Unclear			Part Lost/M	issing	Wrong Stock Pulled		
		Cuffs				Contamination		]Mainte	nance		Part Moved				
	Heat Treat				Countersink		Mislabe	eled		Positioned					
	П	Inspectio	n Strip in	Tube		Cut Too Short		Misread	d		Power Loss,	Power Loss/Surge Othe			
		Ripples ir	n Bend	`		Drill Holes		Offset		_					
		Torque V	Vaves in E	Extrusio	n $\Gamma$	Drawing		Out of (	Calibration		- <del>-</del>				

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

# RA 111405 D412-664-203

Received @ Dart September 6<sup>th</sup>, 2012 Inspected@ Dart September 6<sup>th</sup>, 2012 Customer: FALCON AVATION SERVICES Customer Contact: STEVE McCOMISH Shipped from: ABU DHABI AE

### Instructions for RA 111405 D412-664-203 B75417, B75416, & B67438

- QTY x 3 tubes are all striped of paint & primer
- No hard ware installed all have been removed
- GIVEN ALL CROSS TUBES TO ENGINEERING

 $\frac{\text{Time Estimate}}{} = N/A$ 

**Departments Required:** ENGINEERING

<u>Pictures Attached</u> = NO

OTY INSPECTED = 3x

## THIS INSTRUCTION SHEET MUST BE ATTACHED TO THE RESTOCKING WORK ORDER AT ALL TIMES!!!!

											DQA:	Dat	e:			
NCR:	/es	/ No				WORK ORDER NON-C	O	NFORM	AANCE / UP	DATE			_			
											QA Closed	: Dat	e:			
						DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Work Order:					<del></del>	Rework		Skid-tube	Water Jet 🗍			Engineering				
Dort N	10					Scrap	$\{ \   \ $	Skid-tube Crosstube Machining Small Fab			Prod. Eng. Coor					
Part N	NO					Use-as-is	1		noforming	Finishing	<b>—</b>			Other		
NCR 1	NO.					Work Order Update			Large Fab	Composite	1 1100,310	Supplier	$\dashv$			
NCK	١٠٠.					Work order opudie	J		Edige (db	composite_	_	oappo.[		<u> </u>		
Root					Descri	ption of work order update		nitial	Ac	tion	Sign &					
Cause		Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	1	QC Inspector		
Doc/Data																
Equip/Tooling												1				
Operator							1					1				
Material												1				
Setup							l									
Other	Ш															
Process	Ш				:								]			
Supplier				ļ												
Training																
Unapproved			<u> </u>				<u> </u>									
							AUL	T CATE	GORY							
Landi		1				General	_	1		_	٦	1	_	10 (5)		
	Bending					Bend		Grain			Ovalized			Pressure/Forced		
	Centre Not Concentric to O/S					BOM/Route	-	Hardware			Over/Under tolerance			Temperature/Cure		
	Cracks					Broken/Damaged	$\vdash$	Inspection Incomplete			Part Incorrect		$\vdash$	Weld Wrong Stock Pulled		
	Crushed/Crimped,					Burrs	1	Instructions Incomplete/Unclear			4 · · · · ·					
l	Cuffs					Contamination		Maintenance			Part Move	2				

Mislabeled

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Positioned Wrong

Power Loss/Surge

Other

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion